



OTVARC Oscillator

The Oregon Tualatin Valley Amateur Radio Club Newsletter

Field Day '95 Issue

The Prez Sez

Well, June is going to be a month of disappointments for your prez. Not much I can do about it if I want to keep my job at the radio station.

June is normally the start of the "Silly Season" for the club and our members. It starts with Sea-Pac the first weekend of the month, moves on to the various parade events that the hams are asked to work and culminates with Field Day. What do all of these events have in common? They all fall on a Saturday. One small problem. I work from 1700 - 2400 every Saturday on the radio station in Hillsboro. Oh sure, I could drive to Seaside for the day and try to make it back to town in time to work my shift but I would miss one of the best events of the convention... the banquet that evening. I would love to go but the job calls. Same with the parades, the Off-Road rally and Field Day.

That is one exception to the rule. I will work Field Day. I will be working the early shift, helping set up the station etc, until I have to leave for work. I will then be returning to the site after I finish my job to work the station during the wee hours when it is usually quiet and most people don't feel like operating. Remember Brad last year? It was during this time when the propagation to Moscow was at its best and Radio Moscow was playing some rousing classical music.....

I will miss working the various events with the rest of the members. I have had a great time the last two years at Seaside meeting all the visiting hams and renewing old friendships. I will really miss wandering around the swap tables and seeing all the "Hidden Treasures" that are available. This would have been the first year that I attended that I didn't have any assigned duties and I would have had time to play with the rest of you. Oh well. There is always next year.

So what has been happening with the rest of you? I would love to hear from some of you and your exploits. Subtle hint - send in your articles. They don't have to be ham related other than they included you and/or your family. Put pen to paper and enjoy your 15 minutes in the spotlight.

This month's issue contains articles on Packet Radio - Intro to Packet Part 3; a satellite article by Dick; Field Day update by Carl and articles by VP Janet Bell, Packet Guru Rick and Secretary Alan. I really appreciate the work that they do each month for you so that you don't have to trudge through much of my muddled mianderings. Keep them coming people.

One last thing. I have been receiving calls from prospective and new hams looking for Elmers. If you are willing to give it a try, drop me a note or give me a call or let me know at the next meeting.

That's it for this month. It should be a busy one for all of us. 73 and enjoy June - The Silly Season

...From the Second Seat

Janet Bell, WB7FJC , v.p.

FUTURE TENSE:

The June program will be "Field Day"-- how you can take part and have a ball! Stan Griffiths will be conducting an "experiment" in communications that will be fun, (Isn't Stanley Hamm always?)

We hope to have some slides from previous "Days" and planning and training for the one coming up. Carl Clawson will spearhead it.

In July we have scheduled Russ Fillingner, talking about the DX Bureau, what it is, and how it works

August- Westside Light rail

September-our country's second largest communications network, Civil Air Patrol. We will talk about the air-to-ground live broadcast of damage assessment (over the amateur radio band); disaster relief, air searches, and the leadership training available for teenagers. On hand will be N7RFA, 1Lt Ron Kirkpatrick, Deputy Director of Oregon Wing Civil Air Patrol Communications, and some cadets from the Washington County Squadron located in Hillsboro. Captain David Sanderman, commander of Washington County Squadron will be on hand as well.

Some other programs coming up are:

MARS program with Peter Thunem; possibly Mark Walker, W7CLU, talking about "Stuff you can build"; Mary Lou Brown with updates about new happenings in Amateur Radio from the ARRL; a Tailgate Swapmeet; and other ideas you may submit. Please, call me with any other ideas you may be interested in exploring 648-4147 evenings or 648-8821 days.

Our thanks go to Brien Morris, N7UMJ, communications specialist with the Oregon Trail Chapter, American Red Cross, who brought the COW (Chapter on Wheels) out for all of us to browse through last meeting. Now you know where you may operate one day when you volunteer to help with communications for the Red Cross. Hams are always needed to help out!

Minutes of Board Meeting 5-3-95

1. Meeting called to order at 7:09 p.m. by President Bill Merwin who turned the meeting over to vice-president Janet Bell.
2. Those attending were Bill Merwin, Janet Bell, Bob Cowan, Brad Beach, Burt Rooke, Alan Chinnock, Neil McKie, Carl Clawson, and Chuck Mickley.
3. Moved and seconded to approve the minutes of the February Board Meeting. Approved.
4. No Treasurers Report.
5. The club now has a callsign, KC7KJM. We are looking for a shorter call that may have been held by a former member that we can request under the "vanity call" program.
6. SEAPAC - about 1200 registrations to date. All is well.
7. Training - Burt Rooke is looking for Elmers for some of the people in his classes. Contact him if you would like to help.
8. Logo - Burt Rooke brought in a sample of the embroidered logo for the club.
9. Move and seconded to spend up to \$250 to buy tee shirts and jackets with the now embroidered logo to use as awards for participation in field day. Passed.
10. Field Day - Will be held at Neil McKie's property. Need a "hold harmless" agreement with Neil. Carl Clawson will write and distribute press releases for field day. Alan Chinnock to work with Carl on food.
11. Moved and seconded to allocate \$500 for Field Day expenses. Passed.
12. Tax return is complete. Due May 15. Must send \$25 to state.
13. Burt Rooke read a proposed note to include in the cover of the books we distribute to schools and libraries. Several revisions were suggested, mostly in the direction of shortening the note.
14. Moved and second for adjournment at 8:17 p.m.. Passed.

Respectfully submitted,

Alan R. Chinnock
Secretary

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Since I am having to suffer through this you will have to read about it and suffer vicariously. I am moving. The computer is still up. The station is stripped down to the bare minimum, no external speakers, etc. Half the stuff is in the new shack a mile up the road. The rest of it is here. What I need is always at the place where I am not. This should all resolve in seven days when the official move takes place. Then everything, including me, will be in one place. Of course I still will not be able to find it. Then seven days after that I have to put it all back together again and be a net control for the Reach the Beach bicycle ride. Tune in and see how well I do without any operating radios.

Moving. Isn't there something in Part 97 telling me what I have to do when I move? I think there is something about notifying the FCC and giving them my new address. I can't be sure, I am at the old house and the rule book is at the new house. Anyway I guess I will fill out a 610 and let them know where they can contact me. If some mailings made over the last few years using the call book are any indication a number of you reading this have not kept the system informed of your mailing address. Check the call book and get current in necessary. It's not just a good idea, it's the law.

You would think by now that I would be smart enough to move to a neighborhood that love antennas, or at least tolerated them. No, I chose a really nice place that says that you cannot have them. Oh well. This at least keeps me on track with my project of building a set of VHF/UHF antennas that I can take with me and go out camping with my radios (mountain topping to use the correct terminology). So far only the 6 meter aluminum sculpture is done. Come out to Field Day and see it in action. We are planning to have a 4-band all-mode VHF/UHF station this year. It will be all-mode if someone who does CW will come over and run it. I am not there yet.

I am sure that there will be other references to Field Day in this newsletter, but let me invited you to come out. This is a real opportunity to come out and see your fellow club members at their best, attempting to make contacts while sleeping with their heads on the PTT at 0400 local. Maybe you will be privileged to see an extension ladder being turned into a multi-antenna support. Come watch Carl check battery voltages all day and night. You say you are only a Tech and can't do anything. Wrong. Under the watchful eye of that General (Advance, Extra) you can do anything. Come out and get the feel of

SECRETARY - Cont'd Page 10

THE ROAD NOT TAKEN

August 12-13, 1995

The 1995 presentation of *The Road Not Taken* will begin Saturday, August 12, in McMinnville, Oregon.

The Road Not Taken is a challenging all-night TSD adventure rallye. It will start at 6 pm, Saturday (Registration 4:30) in the Willamette Valley city of McMinnville, then trek across Oregon's Coast Range to the seaside town of Lincoln City, then venture back across Coast Range to arrive at McMinnville at roughly 4:30 am, Sunday. Most of the mileage will be on unpaved but relatively smooth roads in mountainous terrain. Some roads of various other characters will be included. Most vehicles in reasonable condition will be suitable for this event. Speeds will be brisk, give or take the effects of current conditions. Some of last years' contestants rated speeds as "a little too fast at times". Cool!

There's adventure and entertainment in working *The Road Not Taken*, too, and last year's workers were nearly as enthusiastic as competitors after the event. If you'd like to work *The Road Not Taken*, please contact us. Experience is not required.

We will require the assistance of at least 30 ham's for communications. Volunteers need to have mobile radios capable of 30 watts output due to the location of the event and the distance required to cover. You will be working in teams so if you don't have the equipment, you can still work with someone who does.

For more information contact *The Road Not Taken* rallyemasters:

Bob Wakehouse (503)642-4578 - Email: bob@tv.tv.tek.com

Todd Terp (503)662-3417

or see us at the June OTVARC meeting. You can also contact your president - Bill at (503) 644-1974 if you are interested in working our event. Hope to see you there.

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FIELD DAY 1995

KC7KJM/WB7FJC

Carl WS7L

Once again the weeks from February, when I start thinking about Field Day, to June, when it actually happens, have blown by in a blur. But we're getting there. As last month's meeting was short, I didn't have time to fill you in on everything. Here are the essentials.

WHERE: Field Day will be on Friday-Sunday, June 23-25, in Neil's (WA6KLA) field on top of Cooper Mountain. See the map nearby. Follow 185th south from Farmington Road (Oregon 10) and wind around a few curves until you get to a stop sign. That's 190th; turn left on it. Then take the second road to the left, Kemmer Rd. Neil's is the first house on the right and the field is just beyond it. You can't miss the big water tank right across the road. We will put the club trailer in place in the afternoon or evening of Friday June 23. Set-up will start about 8:00 a.m. Saturday, and operation will be from 11:00 a.m. Saturday to 11:00 a.m. Sunday.

See Page 10 for Map to Location

CALLS: Our club has received its call sign: KC7KJM. We will be using that as our primary call sign for the event, with Janet's WB7FJC as the call sign for the Novice/Tech station. The club call is held by an Advanced class trustee, so we must make sure, when in the Extra class portion of the bands, to identify at legal intervals with KC7KJM/(control operator's call).

INCENTIVE PROGRAM: The Board has budgeted for 1 club jacket and 5 club T-shirts to be awarded by drawing at the July meeting. Tickets for the drawing will be given based on participation in setup, operation, and takedown activities at Field Day. The new club logo is embroidered and is very durable and good-looking. Don't miss your chance for one of these beauties! Transmit early and often!

FOOD: Alan KB7POR has volunteered to coordinate the feeding activities. Let there be food!

RADIO EQUIPMENT: Brad N7NVC has again offered to donate his ICOM 725 for use by the Novice/Tech station. We still need a 12-V capable HF transceiver with antenna for the CW station. John N0LRH, who had lent equipment the last few years, is no longer in the area, so this is your opportunity to step up and help. Almost any modern HF transceiver will do, and if you don't have an adapter with lugs for a 12-V battery we can make one. We have dipoles for 80m and 40m, and we will be needing antenna(s) for the higher bands. Multi-band verticals have worked well in the past. Assorted keyers, keys, mikes, 'phones, tuners, and other accessories are also needed. Also, an extra deep-cycle 12-V battery or two is always a good insurance policy.

RADIO FOLKS: We need OPERATORS to agree to be on duty during specific hours to ensure that the stations are up and operating for the full 24 hours, and we need volunteers to set up and take down stations. This is especially important for the Novice/Tech station as the rules state that the station must be set up as well as operated by Novices and Technicians. This is a great way for newer hams to get to know some of their fellow club members. If you've been to a meeting or two and still don't quite feel "in," doing this will fix that feeling pronto. So someone, please offer to give Janet a hand! It takes several people to get the antennas up.

OTHER EQUIPMENT: 1. Alan KB7POR has offered use of his tent. That will cover the 3 basic stations. However, there may be several other ancillary stations (VHF/UHF, satellite, packet) that we run for bonus points so one more tent, or an RV, to house a station or stations will be required. A heavy canvas tent will work best, but with precautions we can use a lighter tent as well.

2. We need also at least three tables or desks and six chairs.

3. Last, we need lights for use at night. Propane- or gas-fueled lanterns are best as they help us conserve batteries, but we can use battery powered lamps as well, especially if someone has extra batteries.

News From All Over

Senate Bill 576 apparently going away

Bill would prohibit handheld radio use while driving

While Oregon legislators get ready this week for the final push to end the 68th regular session, it appears that mobile radio and cellular telephone use may continue as we knit it for another two years. During the early days of the legislature, Sen. Dick Springer introduced and sponsored S576, proposing to create "driving while using a mobile telephone" a Class D traffic infraction.

Officers would cite drivers committing the offense "if the person uses a mobile telephone while driving or moving a vehicle on a highway." Maximum fine would be \$95. The clear target were those drivers with cel phones plastered to their ears, who have trouble concentrating on their driving while in this position. I'm sure you've seen your share of these children of the '90's.

But the authors of this proposal had some trouble in trying to define what a mobile telephone is, as evidenced by this language: "As used in this section 'mobile telephone' means a hand-held device designed to receive and transmit voice communication over a distance."

As you can see, this would make it hard to operate your hand-held two meter radio in the car. What about holding a microphone? This could really make a dent in business radio use, too. It appears that this particular piece of legislation is headed nowhere. The legislative computer indicated that S576 is still awaiting its first committee hearing. And while it won't be for certain until the gavel comes down to close the 68th session, both houses have indicated that the deadline has passed to begin moving new bills.

My guess is that when the well-financed cellular providers heard about this one, their lobbyists went into action. However, if the right legislator is chairman of the right committee, something could still happen. Also, this bill could be revised and amended, or, its provisions could be incorporated into amendments of a totally different bill. It won't be over until the fat lady sings, and that's expected to happen sometime later in May or June. Meanwhile, look for a flurry of activity during this last several weeks, with most of the attention on the priorities of the state budget and salary negotiations with state employees. The main thing to remember is with the recent and current heavy growth in the cellular phone industry, laws concerning their impact on driver safety will continue. With the broad language expressed in S576, we must keep in tune with these proposals and be ready to let the right people know the difference between normal 2-way use and the splitting of concentration caused by a driver with a phone pressed up against his or her head.

(Reprinted from The May Issue of *MARC WIRELESS* - Official publication for the McMinnville Amateur Radio Club - Written by Bob Huhn, KC7YN)

THE PACKET BULLETIN BOARD

Hello All,

At the March meeting I promised to include some helpful packet operating hints in the newsletters to come. I've found several files written by Larry Kenney (WB9LOZ) that are very helpful for beginning packeteers. Each month, I'll include some of these files in the "Packet Bulletin Board" section of this newsletter. Parts 1 and 2 were included in the May Newsletter and Part 3 is included here.

I also said that I'd make myself available from 6pm to 7pm (The hour just prior to the General Meeting) to facilitate a Packet Users Group. I'll be at the Beaverton Elks Lodge at 6pm on the evening of the general meeting for anyone who would like to discuss packet. At the April and May meetings there have been several people present for the packet Question and Answer session and have found it to be very helpful. I have been making a habit of bringing my portable packet station for hands on displays.

The current configuration here at the node now looks like this:

Port 0 - 145.51 1200 baud user port

Port 1 - 439.00 9600 baud backbone link to CEDAR and HLSB

Port 2 - 145.00 1200 baud backbone link to RHILLS

Port 3 - 434.75 9600 baud backbone link to BREEZE and CEDAR

For Sale

Tri-Band Beam

KLM KT34A

Handles 10-15-20

\$200

Contact Cecil Conrad - W7MRH
649-1614

Note:

No articles submitted this month for:
Emergency Services / Public Services
Training / VE Testing

We need someone to handle:
Health & Welfare / Project Night
Bunny Hunting / Contesting



From: Satellite Station - W7KJZ

I thought this month I would give you some pieces from the periodicals. Here's some excerpts from the periodicals I read:

.....from the March/April AMSAT JOURNAL

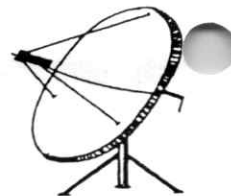
Two amateur satellites were lost when their launch vehical failed to achieve orbit. The Mexican satellite UNAMSAT and the Israeli-built Gurwin-1 TECHSAT were part of the payload of a Russian SS-25 rocket. The failure was caused by failure of the third stage to burn completely. As a result, the fourth stage ignited too early, before the separation of the third and fourth stages. As a result, the launcher blew up.

Both satellites were designed for packet radio use. The Israeli built Gurwin-1 TECHSAT was a 9600 bit/s store and forward satellite. The Mexican UNAMSAT was a 1200 bit/s store and forward satellite.

Reports from the Israeli and Mexican project sponsors indicate that both satellites will be reconstructed.

.....from the May issue of QST

Check out the article about Phase IIID on pages 21-23 (note the cover page too). Also look at the listing of existing satellites by mode in the box on the bottom of page 73. This should give you a good idea how easy it is for you to be working the sats.



.....from the April 15 issue of the OSCAR Satellite Report

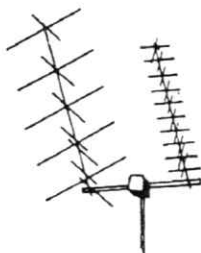
"Coming Soon to a Post Office Near You"

The international airmail rate will be raised from 50 cents to 60 cents sometime in the summer. Now it will cost you 20 percent more to have your green stamp stolen!!

Bye the way, I hope you stopped by the AMSAT booth at SEAPAC run by Bill Roth, N7RYW and others. What Bill doesn't know about amateur satellites probably does n't need knowing.

73

Dick - W7KJZ



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INTRODUCTION TO PACKET RADIO - PART 3 -

by Larry Kenney, WB9LOZ

In Part 2 I talked about how to get on the air and make your first QSO. Now let's take a look at some of the commands that are available in your TNC to help improve your station operation.

TNC COMMANDS: The TNC, or Terminal Node Controller, that "little black box" we've talked about in the past, has more than 100 different commands for you to use. You're able to customize your packet operating with these commands and turn on and off various features as you wish. Not all TNCs are exactly alike, but all have pretty much the same functions. I'll be using the commands used by the TNC2 and clones in my examples.

We covered a few of the commands previously: CONTROL C for entering command mode, MYCALL, MONITOR, CONNECT, and DISCONNECT. Now let's discuss a few that can change the way your station functions.

ECHO: This command tells the TNC whether or not it should send what you type back to the monitor screen. If you don't see anything when you type, set ECHO to ON. If yyooou sseeee ddoouubbllee, like that, set ECHO to OFF. This setting will depend on how your particular computer system functions.

CONV (converse mode): Your TNC will automatically switch to this mode when you connect with someone, but you can also do it by entering CONV (CR) at the Cmd: prompt. When in converse mode, anything you type will be transmitted via the path you set with UNPROTO. (See the next paragraph.) Anyone in monitor mode will be able to read what you transmit. Packets in converse mode are sent only once and are not acknowledged, so there is no guarantee that they'll get through. This mode is used frequently for sending CQ's.

UNPROTO: This command designates the path used when in converse mode. The default is CQ, but you can enter a series of digipeaters if you wish, or a specific group or club name. Some examples:

CQ v WB6SDS-2,W6SG-1,AJ7L SFARC v W6PW-1,W6PW-4

Remember, you have to change UNPROTO for use on different frequencies, unless you leave it set simply to "CQ".

FRACK: This determines how long your TNC will wait for an acknowledgement before resending a packet. It

shouldn't be set too short, or you simply clutter up the frequency, yet it shouldn't be too long, or you'll spend too much time waiting. I use FRACK set to 7, and have found that to be an overall good value.

DWAIT: Used to avoid collisions, DWAIT is the number of time units the TNC will wait after last hearing data on the channel before it transmits. I have DWAIT set to 16, and have found that to work well.

PACLEN: Determines the number of characters in your packets, ranging from 1 to 256. The more characters you send per packet, the longer it takes to transmit the information and the greater your chances are of noise, interference or another station wiping it out. I've found a PACLEN of 80, which is the length of one line, to be a good value. When working a station nearby, PACLEN can be increased. When working a distant station, it should be decreased.

RETRY: Your TNC will retransmit a packet if it doesn't receive an acknowledgement from the station you're working. RETRY indicates the number of times the TNC will try to get the packet through before giving up and disconnecting. This can be set from 1 to 15, but I've found 8 to 10 to work well. Less than that causes an unnecessary disconnect if the channel happens to be busy, but more than that clutters up the channel. The following TNC commands affect the monitoring mode and what you see on the screen:

MONITOR: This must be ON for you to monitor anything. When ON, you see packets from other stations on the frequency you're tuned to. What packets you see is determined by other commands from the list below. If MONITOR is OFF, you see only packets sent to you while you're connected to another station.

MALL: If MALL is ON, you receive packets from stations that are connected to other stations, as well as packets sent in unproto (unconnected) mode. This should be ON for "reading the mail". If MALL is OFF, you receive only packets sent in unproto mode by other stations.

MCOM: If ON, you see connect <C>, disconnect <D>, acknowledge <UA> and busy <DM> frames in addition to information packets. If OFF, only information packets are seen.

MCON: If ON, you see packets from other stations while you're connected to someone else. This can get

Intro to Packet Part III Cont - Page 10

Tacoma Electronics Fleamarket

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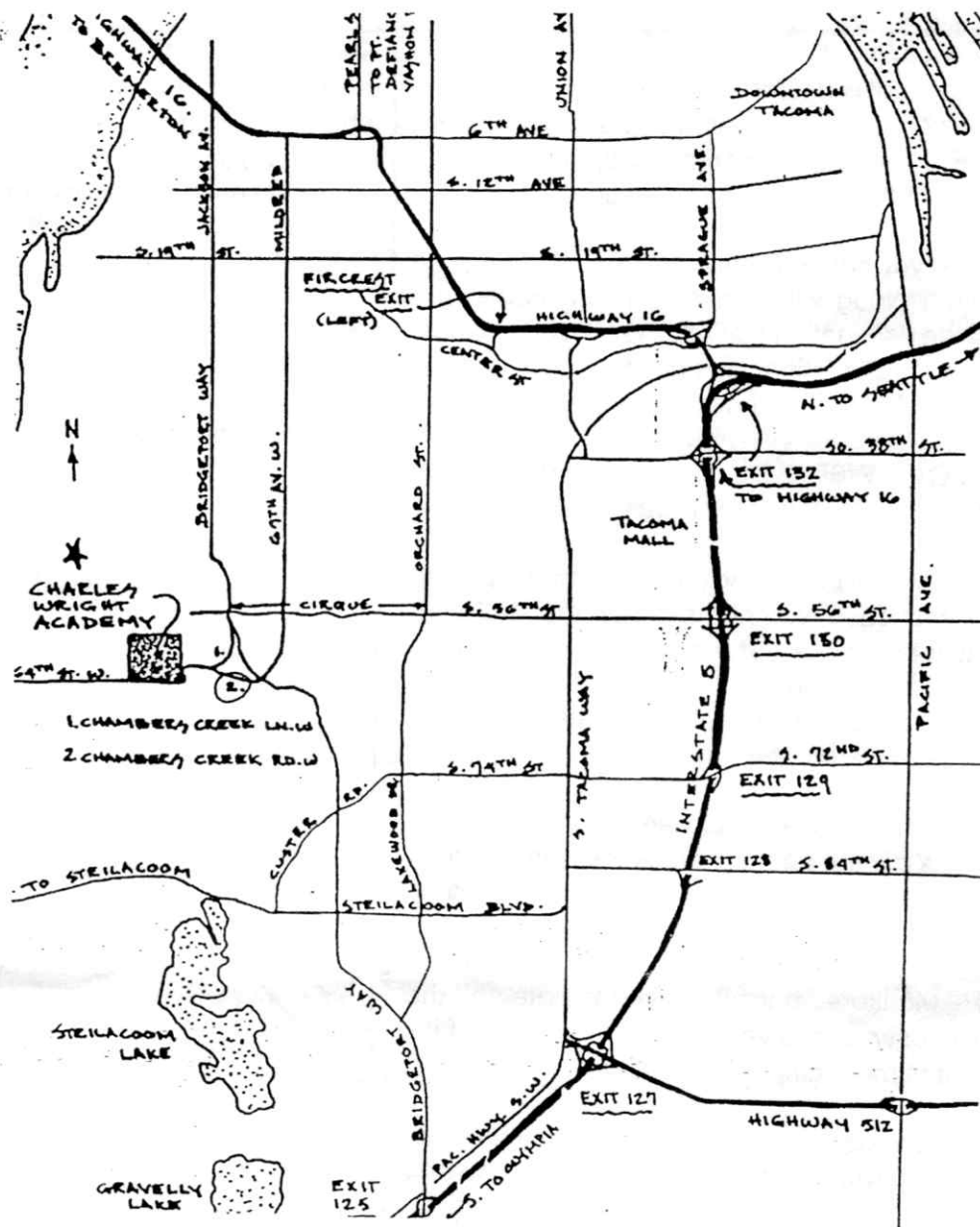
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Name: _____ Call: _____
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Phone: _____

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Directions to Charles Wright

Note: There are many ways to get to Charles Wright these directions are for those who do not know their way around Tacoma. If confused please use W7DK's call in Freq. for more help.

SOUTHBOUND: South bound I-5 take the 56th Street Exit (Exit #130) At the first light TURN LEFT into the far right lane and the NEXT LIGHT TURN RIGHT onto 56th. (This is a bazzare section so becareful!) SEE Common Section.

NORTH BOUND: North Bound I-5 take the 56th Street Exit (Exit #130) West Bound. You will cross under the overpass to the off-ramp. You are on 56th now. See Common Section.

COMMON: Procede West on 56th, it will change names to CIRQUE St. You should move to the LEFT lane now if you are not there. At the Bridgeport Way Intersection you will turn LEFT. Procede SOUTH on Bridgeport Way in the RIGHT LANE. (BE CAREFUL HERE) You will come to Chambers Creek LANE W. (this is a lighted intersection) you will turn RIGHT. Follow this road and Charles Wright will be on the RIGHT. People will be posted to assist you in parking. Remember 147.28+ will get you HELP

Intro to Packet Part III - Cont'd

very confusing, but is useful when your path is bad and you want to see if your packets are being digipeated okay. If OFF, the monitoring of other stations is stopped when you're connected to another station.

MRPT: If ON, you see a display of all the stations used as digipeaters along with the station originating the packet and the destination station. If OFF, you see only the originating and destination stations. For example, if you have MRPT ON, you might see a transmission such as this:

K9AT>WB6QVU,W6PW-5*: I'll be leaving for the meeting at about 7:30. If MRPT was OFF, the same transmission would look like this:

K9AT>WB6QVU: I'll be leaving for the meeting at about 7:30. In the first case, you can see that the W6PW-5 digipeater was being used. The asterick indicates which station you were hearing the packet from. In the second case you have no idea if digipeaters are being used or what station you were receiving.

HEADERLN: If you have this turned ON, the header of each packet is printed on a separate line from the text. If OFF, both the header and packet text are printed on the same line.

MSTAMP: Monitored packets have the date and the time the packet was received if MSTAMP is ON. If it's OFF, the date/time stamp is not shown:

I run my station with all of these commands, except MCON, turned ON so that I can really see what's happening on the frequency I'm monitoring. Try various combinations of these commands and then decide on the combination you like best for your station.

Sea-Pac Ladies Program

Ladies! If you are looking for something to do while your husband is searching for just the right toy at SeaPac, why not join us at the Ladies Hospitality Suite. Plans are in full swing for a fun filled weekend.

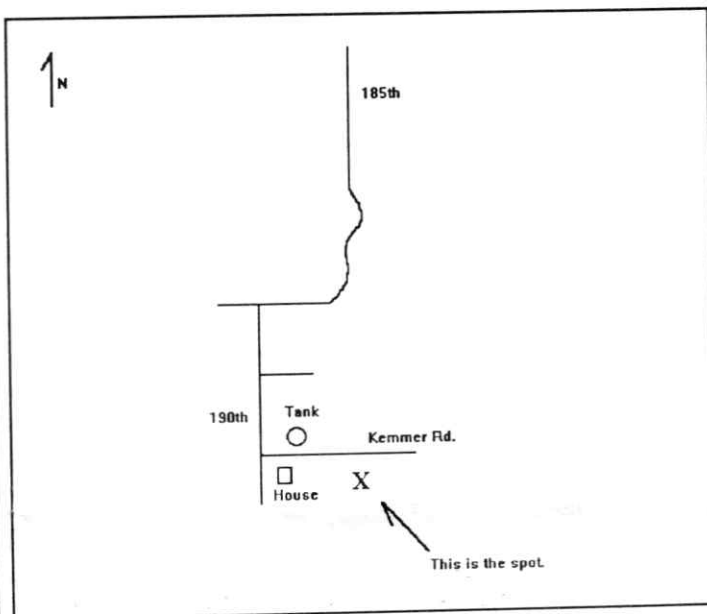
Citizens Against Crime will present a self-defense program designed to inform as well as entertain at 10 AM on Saturday, June 3rd. Other items on the Agenda include a crafts seminar in the afternoon. Mary Kay consultants will be on hand all day to provide you with great beauty tips. Also, don't forget to attend the Ladies Luncheon and see Marsha Robbin's presentation about her Ididirod experiences. For more information, contact Sharon Williams or Norma Sheffield.

(Ed Note - My apologies to Norma for missing this last month.... Sorry Norma)

Secretary - Cont'd

talking around the world on HF. Well maybe in 1999 when the sunspots come back. Come see other equipment that you have only been able to dream about. Or simply get out of the house for the weekend. Do you get the point? There is something for everyone at OTVARC Field Day.

73 to most of you and 88 to my wife (who doesn't read this so it is irrelevant). See you next month from a new QTH with inside antennas 150 higher than they are now. (And I still cannot see north.)



Map to Field Day Site - WA6KLA

BORSCH ELECTRONICS

Communications Servicing

9935 S.W. Johnson St.
Tigard, OR. 97223

Joe Borsch W7PNS

(503) 684-5201

OTVARC Club Contacts

OTVARC Executive Board

President	Bill Merwin	N7VZF	644-1974
Vice President	Janet Bell	WB7FJC	648-4147
Secretary	Alan Chinnock	KB7POR	620-2057
Treasurer	Lorna Campbell	KA7RFD	591-1891
Trustee	Wes Allen	K7WWG	649-3295
Trustee	Brad Beach	N7NVC	657-1781
Trustee	Chuck Mickley	KI7CL	642-1284
Trustee	Bob Cowan	KI7QI	699-9213
Trustee	Burt Rooke	KI7JX	241-2891

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	297-2732
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	Rich Jones	KG7FS	645-9417
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services	Tim Taylor	N7UCA	292-5430
Field Day	Carl Clawson	WS7L	629-5796
Health & Welfare	OPEN		
Member Badges	Terry Sparks	AA7ZO	628-0372
Newsletter Editor	Bill Merwin	N7VZF	640-8873
Newsletter Layout	Bill Merwin	N7VZF	883-8504
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	Hanford Van Ness	KE7BB	246-7975
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	OPEN		
Public Relations	Bill Merwin	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	N7PEX	640-0217
Satellites	Dick Emmel	W7KJZ	245-1928
Scholarship	Exec. Board	N7VZF	644-1974
Sea-Pac	Al Berg	WB7SIC	640-5456
	Brad Beach	N7NVC	657-1781
	Jim Schaeffer	KB7ADH	245-2518
Technical	OPEN		
Tower Ordinances	Stan Griffiths	W7NI	649-0837
Trailer	Dee Lynch	KA7NPN	646-4580
Training(Code)	Burt Rooke	KI7JX	241-2891
Training(Novice/Tech)	Burt Rooke	KI7JX	241-2891
Training(Upgrade)	OPEN		
VE Testing	Alan Roehl	KO7B	292-5243
VE Test Schedule	OPEN		
VHF/UHF	Bill Roth	N7RYW	297-7605

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Tower-Military AB105 (like Rohn 55) 120ft. W/guy wires & 75 ohm hard line. \$995.00.

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Don Branda N7DDK 357-6638

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time from January through June and July through December. All ads must be paid for in advance. Rates for 1994 are as follows:

Full Page	8" X 10"	\$200 for 6 mo.
Half Page	8" X 5"	\$125 for 6 mo.
Qtr Page	4" X 5"	\$75 for 6 mo.
Bus. Card	2" X 3"	\$35 for 6 mo.

Meetings: We have two meetings per month. The board meeting is on the first Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Club, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.

Membership OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club Treasurer for prorated dues.

How To Join: Simply mail the Member Application and Renewal Form along with your dues to the address above.

"Do not look back on happiness or dream of it in the future. You are only sure of today; do not let yourself be cheated out of it". - Henry Ward Beecher

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